

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gary Johnson and Wen Li

Attorney Docket No.: 34020/US

Serial No. : 10/816,178 Group Art Unit : 2816

Filed: March 31, 2004 Examiner: Not yet assigned

Title : PHASE DETECTOR AND METHOD HAVING HYSTERESIS CHARACTERISTICS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73(b) AND POWER OF ATTORNEY

Sir:

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment filed concurrently herewith, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

Assignee hereby appoints EDWARD W. BULCHIS, Reg. No. 26,847; PAUL T. MEIKLEJOHN, Reg. No. 26,569; BRIAN C. PARK, Reg. No. 45,519; KIMTON N. ENG, Reg. No. 43,605; MICHAEL A. RAHMAN, Reg. No. 43,872; MARK W. ROBERTS, Reg. No. 46,160; DOUGLAS STEWART, Reg No. 51,060; MARCUS SIMON, Reg. No. 50,258; RAYMOND M. ANANIAN, Reg. No. 35,050; EDWARD BACHAND, Reg. No. 37,085; BREZNER, Reg. Reg. No. 39,118; DAVID J. No. 24,774; JOHN F. BRADY. RONALD BROWN, Reg. No. 29,016; DAVID BRUHN, Reg. No. 36,762; ROBERT No. 24,286; W. ROBINSON CLARK, Reg. No. 41,530; CHICKERING, Reg. SHANE COLEMAN, Reg. No. 44,623; ANGELA DRALLE, Reg. No. 51,632; GREGORY DURBIN, Reg. No. 42,503; DANIEL FISHER, Reg. No. 34,162; DAVID FOSTER, Reg. No. 44,685; DAVID FRONEK, Reg. No. 25,678; MICHAEL GILCHRIST, Reg. No. 40,619; No. 45,501; CRAIG HEMENWAY, Reg. THERESA HANKES, Reg. STUART HEMPHILL, Reg. No. 28,084; TIANJUN HOU, Reg. No. 51,821; JASON HUNT, Reg. No. 53,048; S. WADE JOHNSON, Reg. No. 50,873; VICTOR E. JOHNSON, Reg. No. 41,546; JOHN KENNEDY, Reg. No. 42,717; RENEE KOSSLAK, Reg. No. 47,717; JENNIFER LANE, Reg. No. 51,916; BRIAN LAURENZO, Reg. No. 34,207; STEVEN LENDARIS, Reg. No. 53,202; KENNETH LEVITT, Reg. No. 39,747; TODD LORENZ, Reg. No. 39,754; JANET MACLEOD, Reg. No. 35,263; DIANE J. MASON, Reg. No. 43,777; CHARLES MATSON, Reg. No. 52,006; BIRGIT MILLAUER, Reg. No. 43,341; ALICIA MILLS, Reg. No. 46,933; EUK Y. OH, Reg. No. 54,345; LEE OSMAN, Reg. No. 38,260; DEVAN PADMANABHAN, Reg. No. 38,262; ANN MARIA PEASE, Reg. No. 42,067; JAMES PINTO, PEDERSON. Reg. No. 53,447; Reg. No. 40,774; STEVEN GARY POLUMBUS, Reg. No. 25,364; PAUL PRENDERGAST, Reg. No. 46,068; PAUL No. 52,169; TRACI H. ROPP, Reg. No. 44,307; ROBBENNOLT, Reg. SCOTT ROTHENBERGER, Reg. No. 41,277; GURJEEV SACHDEVA, Reg. No. 37,434; SILVA, Reg. No. 38,304; SEAN SOLBERG, Reg. No. 48,653; ROBIN M. GERALD SULLIVAN, Reg. No. 37,243; MARIA S. SWIATEK, Reg. No. 37,244; ALDO J. TEST, Reg. No. 18,048; BRUCE TRAUBEN, Reg. No. 46,392; RICHARD TRECARTIN, Reg. No. 31,801; RAYMOND VAN DYKE, Reg. No. 34,746; KYLE WAY, Reg. No. 45,549; MIN XU, Reg. No. 39,536; and the attorneys and agents associated with the firm of DORSEY & WHITNEY LLP, Customer Number 27,076, along with MICHAEL L. LYNCH, Reg. No. 30,871; WALTER D. FIELDS, Reg. No. 37,130; CHARLES B. BRANTLEY, II, Reg. No. 38,086; KEVIN D. MARTIN, Reg. No. 37,882; and DAVID J. PAUL, Reg. No. 34,692, of Micron Technology, Inc., 8000 South Federal Way, Boise, Idaho 83716-9632, as its attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to Edward W. Bulchis at (206) 903-8800 and telecopies to (206) 903-8820.

Please direct all communications to:

Edward W. Bulchis, Esq. Customer No. 27,076 Dorsey & Whitney LLP 1420 Fifth Avenue, Suite 3400 Seattle, Washington 98101 (206) 903-8800 Pursuant to 37 C.F.R. § 3.73(b), the undersigned duly authorized designee of Assignee certifies that the evidentiary documents have been reviewed, specifically the Assignment to MICRON TECHNOLOGY, INC., filed concurrently herewith for recording, a copy of which is attached hereto, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

MICRON TECHNOLOGY, INC. ASSIGNEE

8-11-04

DATE

Michael L. Lynch Chief Patent Counsel

Enclosure:

Copy of Assignment

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gary Johnson and Wen Li

Serial No.: 10/816,178

Filed : March 31, 2004

For: PHASE DETECTOR AND METHOD

HAVING HYSTERESIS CHARACTERISTICS

Docket No. 34020/US

Disclosure No. 03-1449

Group Art Unit 2816

ASSIGNMENT:

<u>X</u>	Enclosed for recording
	Previously recorded
Date:	
Reel:	

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which was filed on March 31, 2004, and assigned Application No. 10/816,178 and is entitled "PHASE DETECTOR AND METHOD HAVING HYSTERESIS CHARACTERISTICS"; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Gary Johnson Date: 7/29/04

STATE OF IDAHO)

SS.

County of Ada

BEFORE ME, this 29 day of ______, 200____, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

THOMA TARY OTARY

Notary or Consular Officer
My Commission Expires 3

Wen Li	Date:	7/29/04
STATE OF IDAHO)) ss. County of Ada)		•
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BEFORE ME, this 29 day of _______, 200 4, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Notary or Consular Officer
My Commission Expires 3/21/09

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